Why does direction not matter for 180-degree rotations?
Example #1

Rotating a Point
Perform the following rotation on point C:

\[ R_{90} \]

Example #2

Rotating a Point
Perform the following rotation on point D:

\[ R_{-90} \]

D(5, -8)
Example #3

Rotating a Segment

Construct the image of EF after a clockwise rotation of 90 degrees about the origin

Example #4

Rotating a Figure

Perform the following transformation on ΔLMK: $R_{180}$